

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF:

DeVries, Hindrik Willem et al.

Atty. Dkt. No.: 2602-0009

Appln. No.: Not yet assigned

Art Unit:

Filing Date: Not yet assigned

Confirmation No.

Examiner:

Title: **METHOD AND ARRANGEMENT  
FOR GENERATING AN  
ATMOSPHERIC PRESSURE  
GLOW DISCHARGE PLASMA  
(APG)**

Date: March 30, 2005

TRANSMITTAL

Hon. Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached please find the following documents, submitted for filing in connection with the above-identified application:

- ☒ Postcard receipt
- ☒ Transmittal Letter Concerning A Submission Under 35 U.S.C. 371
- ☒ Application data sheet
- ☒ Application cover sheet
- ☒ New Application, 38 pages of Specifications, Abstract, Claims, and Informal Drawings
- ☒ Preliminary amendment
- ☒ Amendment transmittal

Our Deposit Account No.: 501860      Our Order No. (Client-Matter No.): 2602-0009

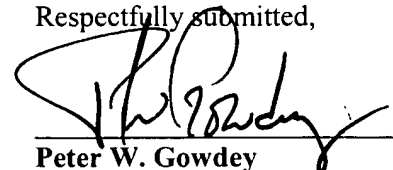
**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. (or Attorney Docket No.) shown in the heading hereof for which purpose a duplicate copy of this paper is attached.

**This Charge Statement does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.**



Respectfully submitted,

By:

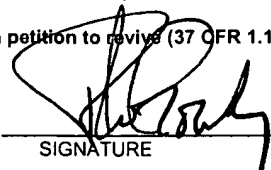
  
Peter W. Gowdey  
Registration No.: 25,872

Davidson Berquist Jackson & Gowdey LLP  
Phone: (703) 248-0333

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 2602-0009 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/529786</b>
INTERNATIONAL APPLICATION NO. PCT/EP2003/010923	INTERNATIONAL FILING DATE September 30, 2003	PRIORITY DATE CLAIMED September 30, 2002
TITLE OF INVENTION Method and Arrangement for Generating an Atmospheric Pressure Glow Discharge Plasma (APG)		
APPLICANT(S) FOR DO/EO/US Fuji Photo Film B.V.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input checked="" type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information:		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>UNASSIGNED 10/529786</b>		INTERNATIONAL APPLICATION NO. PCT/EP2003/010923		ATTORNEY'S DOCKET NUMBER 2602-0009	
The following fees have been submitted				<b>CALCULATIONS      PTO USE ONLY</b>	
21. <input checked="" type="checkbox"/> Basic national fee..... \$300				\$ 300	
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100 All other situations..... \$200				\$ 200	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared and provided to the Office..... \$400 All other situations..... \$500				\$ 400	
<b>TOTAL OF 21, 22 and 23 =</b>				\$	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	46 - 20 =	26	x \$ 50	\$ 1300	
Independent claims	2 - 3 =	0	x \$200	\$ 0	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 2200	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/3.					
<b>SUBTOTAL =</b>				\$ 2200	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$ 2200	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
<b>TOTAL FEES ENCLOSED =</b>				\$ 2200	
				Amount to be refunded:	\$
				Amount to be charged:	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>2200</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>501860</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>					
<p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <div style="text-align: right; margin-top: 20px;">               SIGNATURE  <u>Peter W. Gowdey</u>              NAME  <u>25,872</u>              REGISTRATION NUMBER         </div>					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
REQUEST FOR FILING PATENT APPLICATION UNDER RULE 53(a), (b) & (f)

**RULE 53(f) NO DECLARATION**

Hon. Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Atty. Dkt. No.: 2602-0009

Date: March 30, 2005

Sir:

1. This is a Request for filing a new Patent Application ( ☐ Design ☒ Utility) entitled:

2. Title:

**METHOD AND ARRANGEMENT FOR GENERATING AN ATMOSPHERIC  
PRESSURE GLOW DISCHARGE PLASMA (APG)**

without a filing fee or Oath/Declaration but for which is enclosed the following:

3. ☒ Application Data Sheet.  
4. ☒ Abstract 1 page(s).  
5. 31 Pages of Specification (only spec. and claims); 6. ☐ Specification in non-English Language  
7. 47 Numbered claim(s); and 8. ☒ Drawings: 6 sheet(s) ☒ informal; ☐ formal  
9. DOMESTIC/INTERNATIONAL priority is claimed under 35 U.S.C. 119(e)/120/365(c) based on the following provisional, non-provisional and/or PCT International application(s):

Application No.	Filing Date

10. **FOREIGN** priority is claimed under 35 U.S.C. 119(a)-(d)/365(b) based on filing in \_\_\_\_\_

Application No.	Filing Date
EP 02079074.7	September 30, 2002
PCT/EP2003/010923	September 30, 2003

11. \_\_\_\_ (No.) Certified copy/copies of priority documents: ☐ attached; ☐ previously filed on (date) \_\_\_\_  
12. ☐ This is a reissue of Patent No. \_\_\_\_  
13. ☐ See top first page re prior Provisional, National, International application(s) (X box if info there)  
14. Extension to date: ☐ concurrently filed ☐ not needed ☐ previously filed  
15. ☐ Small Entity Status is claimed (**pre-filing confirmation required**)  
16. ☐ **NONPUBLICATION REQUEST** under Rule 213(a) attached  
17. ☐ Prior Application is assigned to \_\_\_\_ by Assignment recorded \_\_\_\_ at Reel \_\_\_\_ Frame \_\_\_\_  
18. ☐ **ATTACHED:**  
19. ☐ Preliminary Amendment Attached. 20. ☒ Return Receipt Postcard

Attorney Docket No.: 2602-0009

Title of Invention: **METHOD AND ARRANGEMENT FOR GENERATING AN ATMOSPHERIC PRESSURE GLOW DISCHARGE PLASMA (APG)**

Inventor(s): DeVries, Hindrik Willem et al.

Date of Filing: March 30, 2005

21. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application no.: : \_\_\_\_\_.

22. This application is made by the following named inventor(s):

Inventor Name:	First	<b>Hindrik</b>	MI	W	Family	DeVries
Residence:	City	Tilburg	State/Foreign Country		The Netherlands	
Citizenship: Country		The Netherlands				
Mailing Address & Postal Code		Hooglandstraat 22, 5045 CM Tilburg, The Netherlands				

Inventor Name:	First	<b>Johannes</b>	MI	M.G.	Family	Dohmen
Residence:	City	Eindhoven	State/Foreign Country		The Netherlands	
Citizenship: Country		The Netherlands				
Mailing Address & Postal Code		Algemeen Octrooi - en Merkenbureau, P.O. Box 645, 5600 AP Eindhoven, The Netherlands				

Inventor Name:	First	<b>Fuyuhiko</b>	MI		Family	Mori
Residence:	City	Tilburg	State/Foreign Country		The Netherlands	
Citizenship: Country		The Netherlands				
Mailing Address & Postal Code		Krabbendamstraat 26, 5045 SK Tilburg, The Netherlands				

Inventor Name:	First	<b>Eugen</b>	MI		Family	Aldea
Residence:	City	Eindhoven	State/Foreign Country		The Netherlands	
Citizenship: Country		The Netherlands				
Mailing Address & Postal Code		Strijpsestraat 39 B, 5616 GK Eindhoven, The Netherlands				

Inventor Name:	First	<b>Mauritius</b>	MI	Cornelius Maria	Family	Van De Sanden
Residence:	City	Tilburg	State/Foreign Country		The Netherlands	
Citizenship: Country		The Netherlands				
Mailing Address & Postal Code		Jan van Beverwijkstraat 39, 5017 JC Tilburg, The Netherlands				

Attorney Docket No.: 2602-0009

Title of Invention: **METHOD AND ARRANGEMENT FOR GENERATING AN ATMOSPHERIC PRESSURE GLOW  
DISCHARGE PLASMA (APG)**

Inventor(s): DeVries, Hindrik Willem et al.

Date of Filing: March 30, 2005

**23. Correspondence Address:** Use the address associated with customer number **42624**.

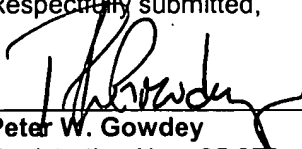
CUSTOMER NUMBER



\* 0 0 0 0 4 2 6 2 4 \*

Respectfully submitted,

By:

  
Peter W. Gowdey

Registration No.: 25,872

Davidson Berquist Jackson & Gowdey LLP